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STRUCTURE FILE UPDATES: 6 OCT 2002 HIGHEST RN 459408-49-2  
 DICTIONARY FILE UPDATES: 6 OCT 2002 HIGHEST RN 459408-49-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

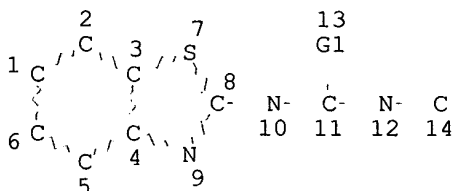
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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
 PROPERTIES for more information. See STNote 27, Searching Properties  
 in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d stat que l23

L1 STR



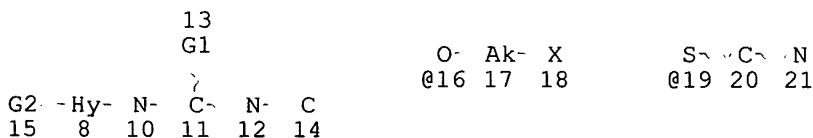
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STEREO ATTRIBUTES: NONE

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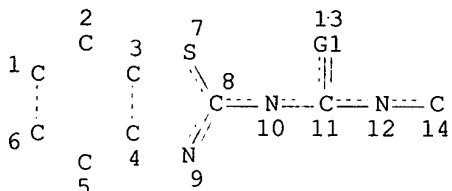
L6 STR



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Jan Delaval  
 Reference Librarian  
 Biotechnology & Chemical Library  
 CM1 1E07 - 703-308-4498  
[jan.delaval@uspto.gov](mailto:jan.delaval@uspto.gov)

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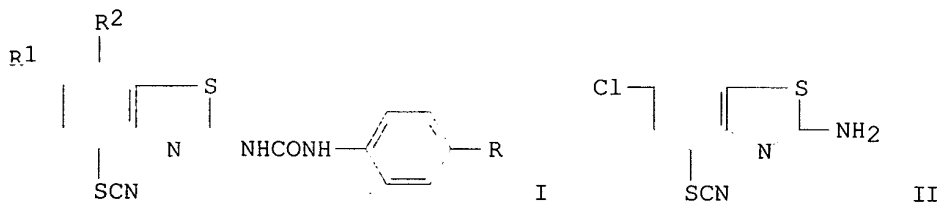
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L26 ANSWER 1 OF 16 HCAPLUS COPYRIGHT 2002 ACS DUPLICATE 1  
 AN 1977:517846 HCAPLUS  
 DN 87:117846  
 TI Antibacterial thiocyanatobenzothiazoles  
 IN Pelosi, Stanford Salvatore, Jr.; Alaimo, Robert James  
 PA Morton-Norwich Products, Inc., USA  
 SO U.S., 3 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4028374	A	19770607	US 1975-628314	19751103
GI					

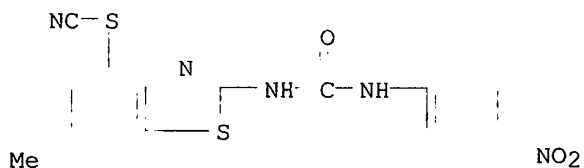


AB Bactericidal (no data) thiocyanatobenzothiazoles I (R = NO<sub>2</sub>, R<sub>1</sub> = Me, R<sub>2</sub> = H; R = H, NO<sub>2</sub>, R<sub>1</sub> = Cl, R<sub>2</sub> = H; R = Br, R<sub>1</sub> = Bu, R<sub>2</sub> = H; R = Cl, Br, F, R<sub>1</sub> = R<sub>2</sub> = Cl) were prepd. Thus 4-ClC<sub>6</sub>H<sub>4</sub>NH<sub>2</sub> with treated with NaSCN to give 74% aminobenzothiazole II which was treated with PhNCO to give 79% I (R = R<sub>2</sub> = H, R<sub>1</sub> = Cl).

IT 64002-12-6P 64002-13-7P 64002-14-8P  
 64002-16-0P 64002-17-1P 64002-18-2P  
 64002-19-3P 64002-20-6P 64117-35-7P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)

IT 64002-12-6P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)

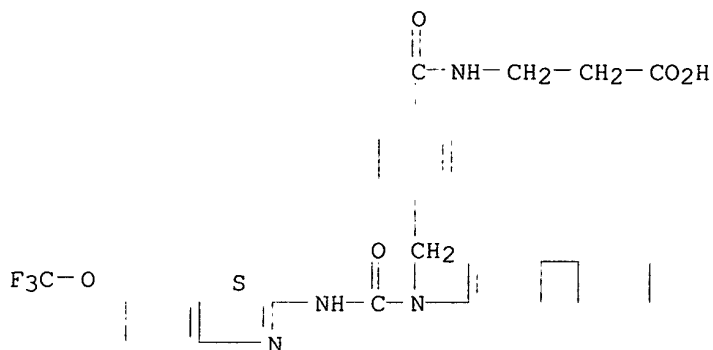
RN 64002-12-6 HCAPLUS  
 CN Thiocyanic acid, 6-methyl-2-[[[(4-nitrophenyl)amino]carbonyl]amino]-4-benzothiazolyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 2 OF 16 HCAPLUS COPYRIGHT 2002 ACS  
 AN 2002:391683 HCAPLUS  
 DN 136:401541  
 TI Preparation of arylureidomethylbenzoylaminopropionates as glucagon antagonists/inverse agonists.  
 IN Madsen, Peter; Lau, Jesper; Ling, Anthony  
 PA Novo Nordisk A/S, Den.; Agouron Pharmaceuticals, Inc.  
 SO PCT Int. Appl., 75 pp.

CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002040444	A1	20020523	WO 2001-DK759	20011115
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2002023501	A5	20020527	AU 2002-23501	20011115
PRAI	DK 2000-1731	A	20001117		
	WO 2001-DK759	W	20011115		
AB	Approx. 163 title compds. are claimed. Thus, 4-[3-[(S)-(4-chlorophenyl)ethyl]-1-(4-cyclohexylphenyl)ureidomethyl]benzoic acid (prepn. given) was stirred in DMF with HOBt and EDAC for 30 min. A mixt. of 3-aminopropionic acid Me ester hydrochloride and N,N-diisopropylethylamine in DMF was added and the reaction mixt. was stirred overnight to afford 99% 3-[4-[3-[(S)-(4-chlorophenyl)ethyl]-1-(4-cyclohexylphenyl)ureidomethyl]benzoylamino]propionic acid Me ester. This was saponified with aq. NaOH in MeOH to give 51% 3-[4-[3-[(S)-(4-chlorophenyl)ethyl]-1-(4-cyclohexylphenyl)ureidomethyl]benzoylamino]propionic acid. Title compds. showed IC <sub>50</sub> <500 nM in a glucagon receptor binding assay.				
IT	428815-04-7P 428815-05-8P 428815-06-9P 428815-07-0P 428815-15-0P 428815-16-1P 428815-17-2P 428815-18-3P 428815-42-3P 428815-43-4P 428815-46-7P 428815-47-8P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of arylureidomethylbenzoylamino]propionates as glucagon antagonists/inverse agonists)				
IT	428815-04-7P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of arylureidomethylbenzoylamino]propionates as glucagon antagonists/inverse agonists)				
RN	428815-04-7 HCAPLUS				
CN	.beta.-Alanine, N-[4-[[[4-cyclohexylphenyl][[6-(trifluoromethoxy)-2-benzothiazolyl]amino]carbonyl]amino]methyl]benzoyl]- (9CI) (CA INDEX NAME)				



## RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Novo Nordisk AS	1999			WO 9901423 A1	HCAPLUS
Novo Nordisk AS	2000			WO 0039088 A1	HCAPLUS
Novo Nordisk AS	2000			WO 0069810 A1	HCAPLUS

L26 ANSWER 3 OF 16 HCAPLUS COPYRIGHT 2002 ACS

AN 2001:581863 HCAPLUS

DN 135:152801

TI Preparation of 2-benzothiazolyl ureas as protein kinase inhibitors

IN Cusack, Kevin P.; Scott, Barbara; Arnold, Lee D.; Ericsson, Anna

PA Basf Aktiengesellschaft, Germany

SO PCT Int. Appl., 189 pp.

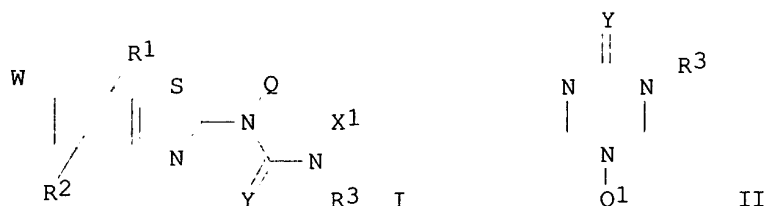
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001057008	A1	20010809	WO 2001-US3803	20010206
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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PRAI	US 2000-180841P	P	20000207		
OS	MARPAT 135:152801				
GI					



AB The title compds. [I; Q = H or a bond which is taken together with X1 and two N atoms to which Q and X1 are attached and C:Y group to which the two N atoms are attached to form II; Q1 = alkyl; Y = O, S; W = H, Cl, Br, etc.; X1 = H, alkyl, hydroxyalkyl or a bond which is taken together with R3 to form pyrrolidino, piperazino or morpholino; R1, R2 = H, halo, OH, etc.; R3 = H, alkyl, aryl, etc.], useful as inhibitors of serine/threonine and tyrosine kinases such as FGFR, PDGFR, KDR, VEGFR-3, Tie-2, Tie-1; Lck, Fyn, Blk, Lyn, Src, cdc2 (cdk1) or Plk-1 (biol. data given), were prepd. and formulated. Thus, reacting 3,5-dimethoxyphenyl isocyanate with 2-amino-6-nitrobenzothiazole in the presence of Et3N in PhMe afforded I [W = NO2; Q, X1, R1, R2 = H; Y = O; R3 = 3,5-(MeO)2C6H3]. In particular, compds. I are useful as inhibitors of tyrosine kinases that are important in hyperproliferative diseases, esp. in cancer and in the process of angiogenesis.

IT 352526-16-0P 352527-59-4P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(prepn. of 2-benzothiazolyl ureas as protein kinase inhibitors)

IT 352526-10-4P 352526-11-5P 352526-12-6P  
 352526-13-7P 352526-14-8P 352526-15-9P  
 352526-17-1P 352526-18-2P 352526-19-3P  
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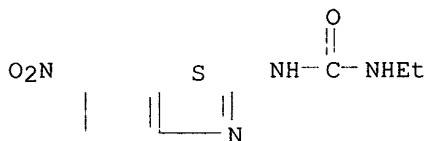
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 (prepn. of 2-benzothiazolyl ureas as protein kinase inhibitors)

IT 352526-16-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (prepn. of 2-benzothiazolyl ureas as protein kinase inhibitors)

RN 352526-16-0 HCAPLUS

CN Urea, N-ethyl-N'-(6-nitro-2-benzothiazolyl)- (9CI) (CA INDEX NAME)

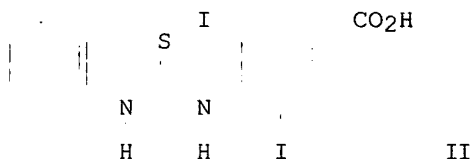


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Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Anon	1995	17	832	ASIAN J CHEM, CAPlus	
Anon	1973	27	829	CHEM ZVESTI, CAPlus	
Anon	1971	40	430	CURR SCI, CAPlus Acc	
Anon	1974	43	33	CURR SCI, CAPlus Acc	
Anon	1973	42	717	CURR SCI, CAPlus Acc	
Anon	1968	31	117	INDIAN J APPL CHEM,	
Anon	1990	29B	778	INDIAN J CHEM SECT B	
Anon	1979	56	377	J INDIAN CHEM SOC, C	
Anon	1991	68	517	J INDIAN CHEM SOC, C	
Anon	1988	13	103	J IRAQI CHEM SOC, CA	
Anon	1992	17	153	RES COMMUN PSYCHOL,	
Banyu Pharmaceutical Co	2001			WO 0107411 A	HCAPLUS
Bell, F	1995	38	4929	JOURNAL OF MEDICINAL	HCAPLUS
Bristol-Myers Squibb Co	1999			WO 9924035 A	HCAPLUS
Janiak, S	1973			US 3725428 A	HCAPLUS
Konica Co	1987			JP 62-187842 A	HCAPLUS
Kyowa Hakko Kogyo Co Lt	1982			JP 57-175189 A	HCAPLUS
Nihon Tokushu Noyaku Se	1980			GB 1580876 A	HCAPLUS
Otsuka Pharm Co Ltd	1999			JP 11130761 A	HCAPLUS
Otsuka Pharm Co Ltd	1999			JP 11222431 A	HCAPLUS
Otsuka Pharmaceutical C	1998			WO 9804536 A	HCAPLUS
Vertex Pharmaceuticals	1999			WO 9900357 A	HCAPLUS

AN 2001:319864 HCAPLUS  
 DN 134:340357  
 TI Novel compounds, specifically aromatic and heteroaromatic ureas and thioureas, useful against parasites and especially against coccidiosis.  
 IN Muzi, Sabrina; Abdul-Rahman, Shoaab  
 PA New Pharma Research Sweden AB, Swed.  
 SO PCT Int. Appl., 72 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001030749	A1	20010503	WO 2000-SE2091	20001027
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	WO 2002045751	A1	20020613	WO 2001-SE2654	20011130
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	AU 2002024308	A5	20020618	AU 2002-24308	20011130
PRAI	SE 1999-3894	A	19991028		
	WO 2000-SE2091	W	20001027		
	EP 2000-850205	A	20001204		
	WO 2001-SE2654	W	20011130		
OS	MARPAT 134:340357				
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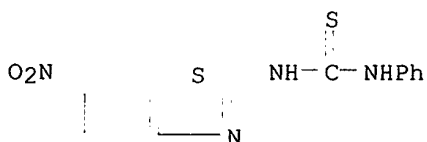


AB The invention relates to novel ureas and thioureas R-C(:Y)-R [I; Y = O or S; R's are selected from the pairings: (a) NHR1 and NHR2, or (b) NR3R4 and NR5R6, or (c) NR3R4 and cyclic radical -N:Z-R7; R1, R2 = certain (un)substituted aryl, aralkyl, alkyl, heteroaryl, etc.; R3-R6 = certain



(un)substituted aryl, aralkyl, or alkyl groups; Z = atoms to form ring; R7 = electron-withdrawing substituent] and their tautomers, solvates, radiolabeled derivs., and pharmaceutically acceptable salts. Also disclosed are pharmaceutical compns. contg. I, as well as a method for treatment of parasitic disorders using I. I are esp. well-suited for treatment of coccidiosis, particularly in poultry. Over 200 compds. are listed, and several synthetic examples are given. For instance, reaction of PhNCS with 4-amino-3,5-diiodobenzoic acid in refluxing acetone in the presence of aq. 10% KOH gave 75% thiourea deriv. II. This compd. had an anticoccidial effect in chickens similar to coxistac, but with a shorter duration of infection, reduced feed consumption, and no loss of growth rate.

- IT 321690-01-1P, N-(6-Nitro-1,3-benzothiazol-2-yl)-N'-phenylthiourea  
 337531-19-8P, N-(6-Nitro-1,3-benzothiazol-2-yl)-N'-(4-nitrophenyl)urea 337531-22-3P, N-(6-Nitro-1,3-benzothiazol-2-yl)-N'-(4-nitrophenyl)thiourea 337531-23-4P, N-(4-Fluorophenyl)-N'-(6-nitro-1,3-benzothiazol-2-yl)thiourea 337532-48-6P, N,N'-Bis(5-bromo-2-pyridinyl)-N-(6-nitro-1,3-benzothiazol-2-yl)-N'-(4-nitrophenyl)urea 337532-49-7P, N,N'-Bis(6-chloro-2-pyrazinyl)-N-(6-nitro-1,3-benzothiazol-2-yl)-N'-(4-nitrophenyl)thiourea 337532-50-0P, N,N'-Bis(6-chloro-2-pyridinyl)-N-(6-nitro-1,3-benzothiazol-2-yl)-N'-(4-nitrophenyl)urea 337532-51-1P, 4-Nitro-N-(6-nitro-1,3-benzothiazol-2-yl)-N-[[N-[(4-nitrophenyl)sulfonyl]anilino]carbothioyl]benzenesulfonamide 337532-52-2P, 4-Nitro-N-(6-nitro-1,3-benzothiazol-2-yl)-N-[[4-nitro-N-[(4-nitrophenyl)sulfonyl]anilino]carbothioyl]benzenesulfonamide 337532-53-3P, 4-Nitro-N-(6-nitro-1,3-benzothiazol-2-yl)-N-[[4-nitro-N-[(4-nitrophenyl)sulfonyl]anilino]carbonyl]benzenesulfonamide 337532-60-2P, N-(4-Fluorophenyl)-4-nitro-N-[[6-nitro-1,3-benzothiazol-2-yl][(4-nitrophenyl)sulfonyl]amino]carbothioyl]benzenesulfonamide 337532-61-3P, N,N'-Bis(6-chloro-2-pyrazinyl)-N-(4-fluorophenyl)-N'-(6-nitro-1,3-benzothiazol-2-yl)thiourea 337532-62-4P, N,N'-Bis(6-chloro-2-pyridinyl)-N-(4-fluorophenyl)-N'-(6-nitro-1,3-benzothiazol-2-yl)thiourea 337532-64-6P, 4-[[[4-[[[(6-Nitro-1,3-benzothiazol-2-yl][(4-nitrophenyl)sulfonyl]amino]carbothioyl][(4-nitrophenyl)sulfonyl]amino]phenyl)sulfonyl]amino]benzoic acid 337532-73-7P, N-[[6-Nitro-1,3-benzothiazol-2-yl][(4-nitrophenyl)sulfonyl]amino]carbothioyl]-N-(3-nitrophenyl)benzenesulfonamide  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (parasiticide candidate; prepn. of arom. and heteroarom. ureas and thioureas as antiparasitic and anticoccidial agents)
- IT 321690-01-1P, N-(6-Nitro-1,3-benzothiazol-2-yl)-N'-phenylthiourea  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (parasiticide candidate; prepn. of arom. and heteroarom. ureas and thioureas as antiparasitic and anticoccidial agents)
- RN 321690-01-1 HCAPLUS  
 CN Thiourea, N-(6-nitro-2-benzothiazolyl)-N'-phenyl- (9CI) (CA INDEX NAME)



## RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Bayer Ag	1994			EP 0597304 A1	HCAPLUS
Ciba Ag	1969			DE 1802739 A	HCAPLUS
Eli Lilly And Company	1995			WO 9524900 A1	HCAPLUS
Farbwerke Hoechst Ag	1975			DE 2334355 A1	HCAPLUS
Frederick, K	1972			US 3647819 A	HCAPLUS
Frederick, K	1973			US 3711610 A	HCAPLUS
Graham, T	1975			US 3867544 A	HCAPLUS
Harold, J	1966			US 3284433 A	HCAPLUS
Instytut Przemyslu Farm	1983			PL B1126634	
Leslie, M	1987			US 4659708 A	HCAPLUS
Meija Seika Kaisha Ltd	1978			JP 25-3034928 A	
Rorer International Ove	1983			WO 8300625 A1	HCAPLUS
The Regents Of The Univ	1994			WO 9406280 A1	HCAPLUS
Zahner, H	1991	41	821	Arzneim-Forsch	HCAPLUS

L26 ANSWER 5 OF 16 HCAPLUS COPYRIGHT 2002 ACS

AN 2000:824211 HCAPLUS

DN 134:4764

TI Preparation of 3-(benzoylamino)propionic acid derivatives as glucagon antagonists/inverse agonists

IN Ling, Anthony; Plewe, Michael Bruno; Truesdale, Larry Kenneth; Lau, Jesper; Madsen, Peter; Sams, Christian; Behrens, Carsten; Vagner, Josef; Christensen, Inge Thoger; Lundt, Behrend Frederik; Sidelmann, Ulla Grove; Thogersen, Henning

PA Novo Nordisk A/S, Den.; Agouron Pharmaceuticals, Inc.

SO PCT Int. Appl., 564 pp.

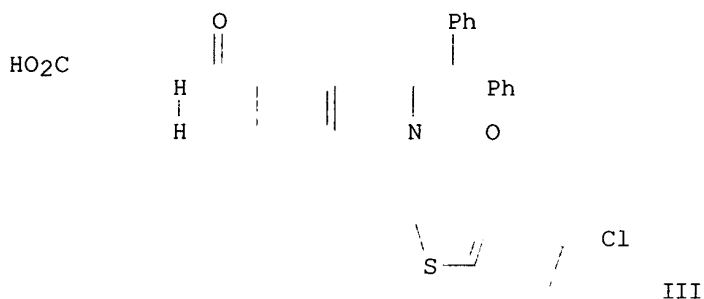
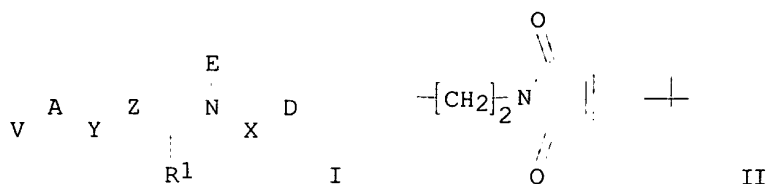
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000069810	A1	20001123	WO 2000-DK264	20000516
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1183229	A1	20020306	EP 2000-926725	20000516
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 2000010651	A	20020319	BR 2000-10651	20000516
	NO 2001005607	A	20020117	NO 2001-5607	20011116
PRAI	DK 1999-684	A	19990517		
	DK 2000-478	A	20000321		
	WO 2000-DK264	W	20000516		
OS	MARPAT 134:4764				
GI					



AB The title compds. [I; V = CO<sub>2</sub>R<sub>2</sub>, CONR<sub>2</sub>R<sub>3</sub>, CONR<sub>2</sub>OR<sub>3</sub>, etc. (wherein R<sub>2</sub>, R<sub>3</sub> = H, alkyl); A = (CH<sub>2</sub>)<sub>n</sub>(CR<sub>8</sub>R<sub>9</sub>)<sub>b</sub>NR<sub>7</sub>, (CR<sub>8</sub>R<sub>9</sub>)<sub>b</sub>(CH<sub>2</sub>)<sub>n</sub>NR<sub>7</sub>, (CR<sub>8</sub>R<sub>9</sub>)<sub>b</sub>(CH<sub>2</sub>)<sub>n</sub>, etc. (b = 0-1; n = 0-3; R<sub>7</sub> = H, alkyl, (cycloalkyl)alkyl; R<sub>8</sub>, R<sub>9</sub> = H, alkyl); Y = CO, SO<sub>2</sub>, O, a bond; Z = (un)substituted phenylene, divalent radical derived from 5-6 membered heteroarom. ring contg. 1-2 heteroatoms selected from N, O and S; or AYZ together = II; R<sub>1</sub> = H, alkyl; X = CO(CR<sub>13</sub>R<sub>14</sub>)<sub>r</sub>(CH<sub>2</sub>)<sub>s</sub>, SO<sub>2</sub>(CR<sub>13</sub>R<sub>14</sub>)<sub>r</sub>(CH<sub>2</sub>)<sub>s</sub>, CO<sub>2</sub>(CR<sub>13</sub>R<sub>14</sub>)<sub>r</sub>(CH<sub>2</sub>)<sub>s</sub>, etc. (r = 0-1; s = 0-3; R<sub>13</sub>, R<sub>14</sub> = H, alkyl); D = (un)substituted Ph, pyridyl, cyclopropyl, etc.; E = (un)substituted quinolinyl, 2,5-dioxopiperidinyl, biphenylalkyl, etc.] which act to antagonize the action of the glucagon hormone on the glucagon receptor (data given), and therefore may be suitable for the treatment and/or prevention of any glucagon-mediated conditions and diseases such as hyperglycemia, Type 1 diabetes, Type 2 diabetes and obesity, were prepd. and formulated. E.g., a multi-step solid phase synthesis of III was given. Compds. I are effective at 0.05-10 mg/kg/day.

IT 307985-93-9P 307985-94-0P 307988-66-5P

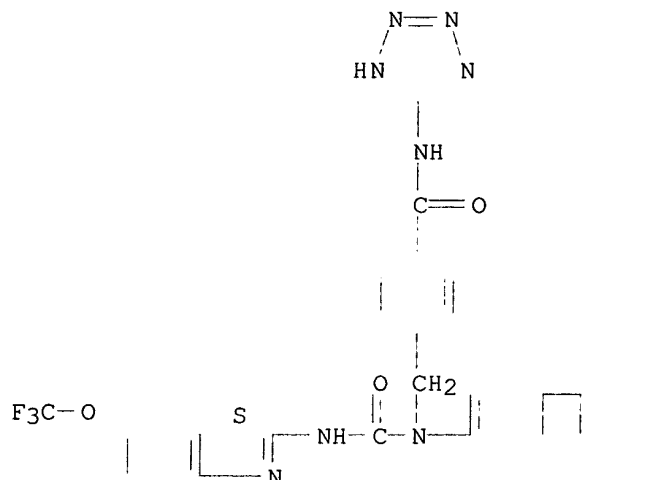
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of 3-(benzoylamino)propionic acid derivs. as glucagon antagonists/inverse agonists)

IT 307985-93-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of 3-(benzoylamino)propionic acid derivs. as glucagon antagonists/inverse agonists)

RN 307985-93-9 HCAPLUS

CN Benzamide, 4-[[[4-(cyclohexylphenyl)][[6-(trifluoromethoxy)-2-benzothiazolyl]amino]carbonyl]amino]methyl]-N-1H-tetrazol-5-yl- (9CI) (CA INDEX NAME)



## RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Beecham Group Limited	1979			EP 0000816 A1	HCAPLUS
Mitsui Chemicals Inc	1998			EP 0847992 A1	HCAPLUS
Novo Nordisk AS	1999			WO 9901423 A1	HCAPLUS

L26 ANSWER 6 OF 16 HCAPLUS COPYRIGHT 2002 ACS

AN 1988:492995 HCAPLUS

DN 109:92995

TI N-Benzothiazolyl amides, their preparation, and their use as insecticides

IN Kume, Toyohiko; Tsuboi, Shinichi; Sasaki, Shoko; Yanagi, Akihiko; Hattori, Yumi; Yagi, Shigeki; Sirrenberg, Wilhelm; Becker, Benedikt

PA Nihon Tokushu Noyaku Seizo K. K., Japan

SO Eur. Pat. Appl., 48 pp.

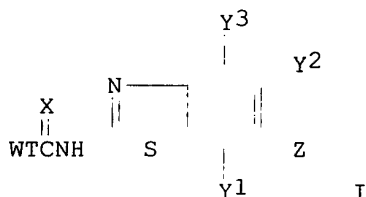
CODEN: EPXXDW

DT Patent

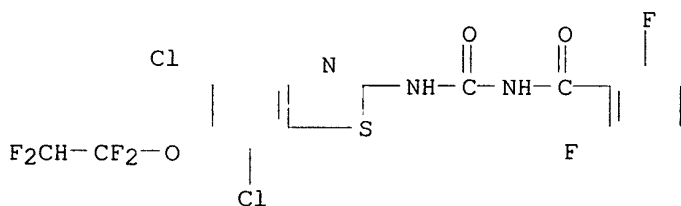
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 261459	A2	19880330	EP 1987-112784	19870902
	EP 261459	A3	19880511		
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	JP 63190880	A2	19880808	JP 1987-60129	19870317
PRAI	JP 1986-210760		19860909		
	JP 1987-60129		19870317		
OS	MARPAT 109:92995				
GI					



- AB Benzothiazolylamides I [X = O, S; T = bond, CONH (C connected to W); Y1-Y3 = H, halo, alkyl; Z = halo, (halo)alkoxy, aralkyloxy, alkylthio, -sulfinyl, -sulfonyl, aryl, heterocyclyloxy, etc.; W = substituted Ph, pyridyl; restrictions apply], useful as insecticides, were prepd. A mixt. of 2-amino-5,7-dichloro-6-(1,1,2,2-tetrafluoroethoxy)benzothiazole, PhCl, and 2,6-F2C6H3COCl was refluxed 3 h to give I (WT = 2,6-F2C6H3, X = O, Y1 = Y2 = Cl, Y3 = H, Z = OCF2CHF2). At 8 ppm, I (WT = 2,6-F2C6H3, X = O, Y1-Y3 = H, Z = Ph) killed 100% *Plutella maculipennis* on cabbage.
- IT **115737-65-0P**  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of, as insecticide)
- IT **115737-65-0P**  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of, as insecticide)
- RN 115737-65-0 HCAPLUS
- CN Benzamide, N-[[[5,7-dichloro-6-(1,1,2,2-tetrafluoroethoxy)-2-benzothiazolyl]amino]carbonyl]-2,6-difluoro- (9CI) (CA INDEX NAME)



- L26 ANSWER 7 OF 16 HCAPLUS COPYRIGHT 2002 ACS
- AN 1991:134832 HCAPLUS
- DN 114:134832
- TI Cobalt(II), nickel(II) and copper(II) complexes of some N-benzoyl-N'-aryl or heterocyclic-substituted thioureas
- AU Sarkis, George Y.
- CS Coll. Sci., Al-Mustansiriya Univ., Baghdad, Iraq
- SO J. Iraqi Chem. Soc. (1988), 13(1), 103-15  
 CODEN: JICS DK; ISSN: 0379-8321
- DT Journal
- LA English
- AB ArNHC(S)NHBz (HL; Ar = 2-, 3-, 4-MeOC6H4, 2- and 3-pyridyl, 5-nitro-2-pyridyl, 2-thiazoyl, 2-benzothiazolyl, 6-chloro- and 6-nitro-2-benzothiazolyl) and RR1NC(S)NHBz (HL1 = R = 2-PhBzNHC(S)NH, R1-2-pyridyl) and CoL2, CoL21 and ML22 (M = Cu, Ni, HL2 = HL (R = 6-nitro-2-benzothiazolyl) were prepd. The ligands and complexes were characterized by IR spectra. The ligands are bidentate and coordinate

through S and N atoms.

IT 132629-14-2P

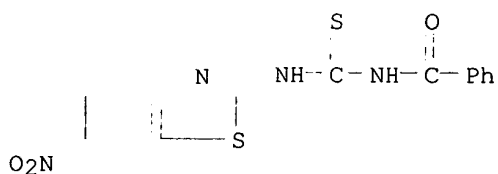
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. and IR spectrum of)

IT 132629-14-2P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(prepn. and IR spectrum of)

RN 132629-14-2 HCAPLUS

CN Benzamide, N-[[6-nitro-2-benzothiazolyl)amino]thioxomethyl]- (9CI) (CA  
INDEX NAME)



L26 ANSWER 8 OF 16 HCAPLUS COPYRIGHT 2002 ACS

AN 1987:67297 HCAPLUS

DN 106:67297

TI Preparation of benzothiazolyl- and benzoxazolylbenzoylureas as pesticides

IN Kume, Toyohiko; Tsuboi, Shinichi; Isono, Kunihiro; Sasaki, Shoko; Hattori, Yumi

PA Nihon Tokushu Noyaku Seizo K. K., Japan

SO Eur. Pat. Appl., 14 pp.

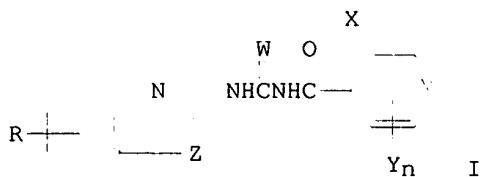
CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 198244	A2	19861022	EP 1986-103540	19860315
	EP 198244	A3	19870729		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	JP 61225169	A2	19861006	JP 1985-65019	19850330
	CN 86101870	A	19870121	CN 1986-101870	19860324
	DK 8601427	A	19861001	DK 1986-1427	19860326
	BR 8601374	A	19861202	BR 1986-1374	19860326
	ES 553448	A1	19870601	ES 1986-553448	19860326
	AU 8655330	A1	19861002	AU 1986-55330	19860327
	ZA 8602322	A	19861126	ZA 1986-2322	19860327
	DD 248276	A5	19870805	DD 1986-288444	19860327
	HU 41235	A2	19870428	HU 1986-1322	19860328
PRAI	JP 1985-65019		19850330		
OS	CASREACT 106:67297				
GI					



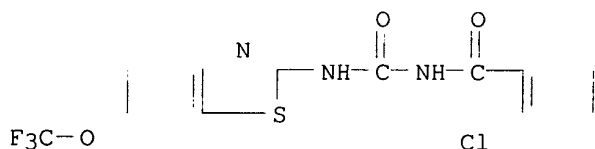
AB The title compds. (I; X, Y = halo, alkyl; W, Z = O, S; R = haloalkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl; n = 0-2), useful as pesticides, are prepd. KSCN and 2-ClC<sub>6</sub>H<sub>4</sub>COCl reacted to give 2-ClC<sub>6</sub>H<sub>4</sub>COSCN which was treated with 2-amino-6-(trifluoromethyl)benzothiazole to give I (R = 6-CF<sub>3</sub>, W = S, X = Cl, Y = H, Z = S) (II). At 2 ppm II exterminated larvae of *Spodoptera litura* on cabbage leaves.

IT **106580-16-9P 106580-17-0P 106580-18-1P**  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of, as insecticide)

IT **106580-16-9P**  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of, as insecticide)

RN 106580-16-9 HCAPLUS

CN Benzamide, 2-chloro-N-[[[6-(trifluoromethoxy)-2-benzothiazolyl]amino]carbonyl]- (9CI) (CA INDEX NAME)



L26 ANSWER 9 OF 16 HCAPLUS COPYRIGHT 2002 ACS

AN 1983:198237 HCAPLUS

DN 98:198237

TI Benzothiazole derivatives

PA Kyowa Hakko Kogyo Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

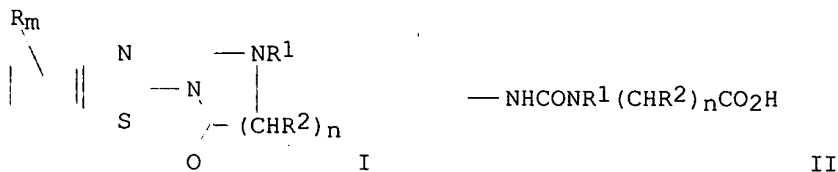
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57175189	A2	19821028	JP 1981-60368	19810421
	JP 63032073	B4	19880628		
OS	CASREACT 98:198237				
GI					



AB Thirty benzothiazole derivs. I [R = alkyl, alkoxy, halo, NO<sub>2</sub>; R<sub>1</sub> = H, alkyl, alkanoyl, alkoxy carbonyl; R<sub>2</sub> = H, alkyl, MeSCH<sub>2</sub>CH<sub>2</sub>, aralkyl; R<sub>1</sub>R<sub>2</sub> = (CH<sub>2</sub>)<sub>p</sub> (p = 3, 4)); m = 0-4; n = 1, 2] were prepd. by cyclization of II.

I had platelet aggregation inhibitory, hypotensive, herbicidal, and antibacterial activities (no data). Thus, stirring II (Rm = 6-EtO, R1 = Me, R2 = H, m = n = 1) in Ac2O 2 h at 70.degree. gave 90.7% I (Rm = 6-EtO, R1 = Me, R2 = H, m = n = 1).

IT 84426-92-6P 84426-99-3P 84427-14-5P

84427-15-6P

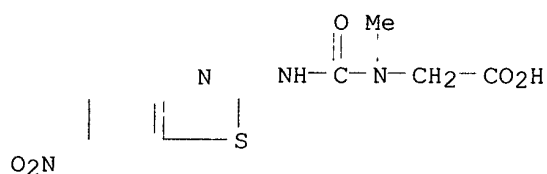
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

IT 84426-92-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

RN 84426-92-6 HCAPLUS

CN Glycine, N-methyl-N-[[ (6-nitro-2-benzothiazolyl) amino] carbonyl]- (9CI)  
(CA INDEX NAME)



L26 ANSWER 10 OF 16 HCAPLUS COPYRIGHT 2002 ACS

AN 1983:72084 HCAPLUS

DN 98:72084

TI Benzothiazolyl amino acid derivatives

PA Kyowa Hakko Kogyo Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 21 pp.

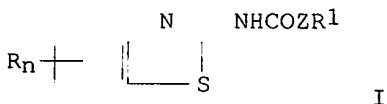
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57149280	A2	19820914	JP 1981-34231	19810310
GI					



AB Forty-five title amino acids (I; R = H, alkyl, alkoxy, halo, O2N; R1 = HO, alkoxy, alkylamino; Z = amino acid residue; n = 1-4), effective herbicides, fungicides, anticholesteremics, and antiarrhythmics (no data), were prepd. Thus, a mixt. of 0.074 mol I (R = H, R1Z = PhO) and 0.147 mol glycine in pyridine was heated 48 h at 70.degree. to give 83.9% I (R = H, R1 = HO, Z = HNCH2CO).

IT 84426-92-6P 84426-99-3P 84427-14-5P

84427-15-6P

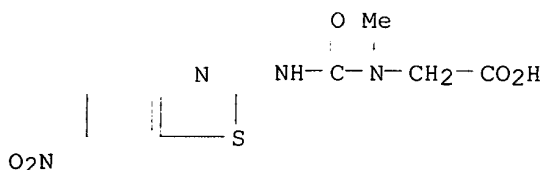
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

IT 84426-92-6P

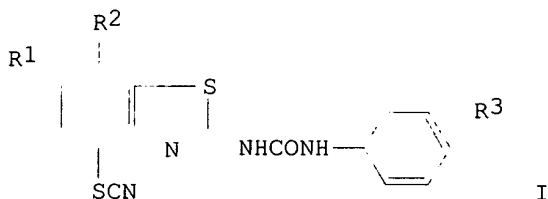
RL: SPN (Synthetic preparation); PREP (Preparation)



(prepn. of)  
 RN 84426-92-6 HCAPLUS  
 CN Glycine, N-methyl-N-[[[(6-nitro-2-benzothiazolyl)amino]carbonyl]- (9CI)  
 (CA INDEX NAME)



L26 ANSWER 11 OF 16 HCAPLUS COPYRIGHT 2002 ACS  
 AN 1978:152479 HCAPLUS  
 DN 88:152479  
 TI Synthesis and antibacterial evaluation of 2-(substituted phenylureido)-4-thiocyanatobenzothiazoles  
 AU Alaïmo, Robert J.; Pelosi, Stanford S.; Freedman, Raymond  
 CS Norwich-Eaton Pharm. Div., Morton-Norwich Prod., Inc., Norwich, N. Y., USA  
 SO J. Pharm. Sci. (1978), 67(2), 281-2  
 CODEN: JPMSAE; ISSN: 0022-3549  
 DT Journal  
 LA English  
 GI

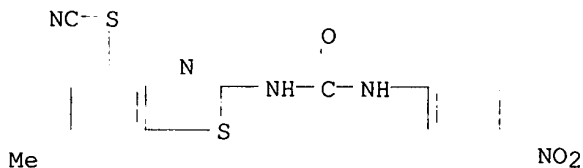


AB The synthesis and antibacterial evaluation of a no. of 2-(phenylureido)-4-thiocyanatobenzothiazoles I (R1 = Me, Cl, Bu; R2 = H, Cl; R3 = 4-NO<sub>2</sub>, H, 4-Cl, 4-Br, 4-F, 3,4-Cl<sub>2</sub>) are described. The more active compds. against the test organisms in vitro generally were those substituted with halogens on the Ph and benzothiazole rings.

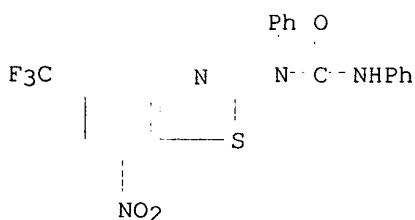
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 64002-20-6P 66134-65-4P  
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (prepn. and bactericidal activity of)

IT 64002-12-6P  
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (prepn. and bactericidal activity of)

RN 64002-12-6 HCAPLUS  
 CN Thiocyanic acid, 6-methyl-2-[[[(4-nitrophenyl)amino]carbonyl]amino]-4-benzothiazolyl ester (9CI) (CA INDEX NAME)

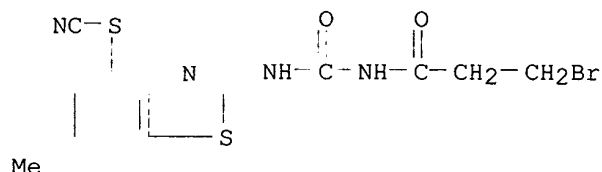


L26 ANSWER 12 OF 16 HCAPLUS COPYRIGHT 2002 ACS  
 AN 1974:108420 HCAPLUS  
 DN 80:108420  
 TI Benzothiazole N-oxides. III. Synthesis of ethyl 1-(arylimino)  
 (SIV)benzothiazole-2-carboxylates  
 AU Wagner, Klaus; Ley, Kurt; Oehlmann, Linthard  
 CS Wiss. Hauptlab., Bayer A.-G., Leverkusen, Ger.  
 SO Chem. Ber. (1974), 107(2), 414-23  
 CODEN: CHBEAM  
 DT Journal  
 LA German  
 GI For diagram(s), see printed CA Issue.  
 AB The benzothiazoles (I; R = NO<sub>2</sub>, CF<sub>3</sub>; R<sub>1</sub> = NO<sub>2</sub>, CF<sub>3</sub>, Cl; R<sub>2</sub> = H, Cl, CF<sub>3</sub>;  
 R<sub>3</sub> = H, Cl, NO<sub>2</sub>; R<sub>4</sub> = H, Cl) were prepd. in 33-63% yield by reaction of  
 the N-oxides II with PhNCO or 3,4,6-R<sub>2</sub>R<sub>3</sub>R<sub>4</sub>C<sub>6</sub>H<sub>2</sub>N:SO with elimination of CO<sub>2</sub>  
 or SO<sub>2</sub>, resp. In 2 cases, 10-15% benzimidazobenzothiazoles III (R = NO<sub>2</sub>,  
 R<sub>1</sub> = Cl and R = CF<sub>3</sub>, R<sub>1</sub> = NO<sub>2</sub>) were simultaneously formed. The structures  
 of I were proven by spectroscopic data and chem. reactions.  
 IT 51658-71-0P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 IT 51658-71-0P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 51658-71-0 HCAPLUS  
 CN Urea, N-[7-nitro-5-(trifluoromethyl)-2-benzothiazolyl]-N,N'-diphenyl-  
 (9CI) (CA INDEX NAME)



L26 ANSWER 13 OF 16 HCAPLUS COPYRIGHT 2002 ACS  
 AN 1974:82772 HCAPLUS  
 DN 80:82772  
 TI Benzothiazole compounds. III. Synthesis and biological activity of  
 substituted N-(2-benzothiazolyl)ureas and benzothiazolyldihydrouracils  
 AU Sutoris, V.; Halgas, J.  
 CS Fac. Nat. Sci., Komensky Univ., Bratislava, Czech.  
 SO Chem. Zvesti (1973), 27(6), 829-33  
 CODEN: CHZVAN  
 DT Journal  
 LA English  
 GI For diagram(s), see printed CA Issue.  
 AB N-(2-Benzothiazolyl)-N'-(3-bromopropionyl)ureas (I) were prepd. by  
 treatment of 4,6-substituted 2-aminobenzothiazoles with Br(CH<sub>2</sub>)<sub>2</sub>CONCO.

Base catalyzed cyclization of I gave II (R = Cl, Br).  
 IT 51335-48-9P 51335-49-0P 51335-52-5P  
 51335-53-6P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 IT 51335-48-9P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 51335-48-9 HCAPLUS  
 CN Thiocyanic acid, 2-[[[(3-bromo-1-oxopropyl)amino]carbonyl]amino]-6-methyl-  
 4-benzothiazolyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 14 OF 16 HCAPLUS COPYRIGHT 2002 ACS  
 AN 1970:425446 HCAPLUS  
 DN 73:25446  
 TI Microbicidal 2-acylaminobenzothiazoles  
 IN Janiak, Stefan  
 PA CIBA Ltd.  
 SO Ger. Offen., 29 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

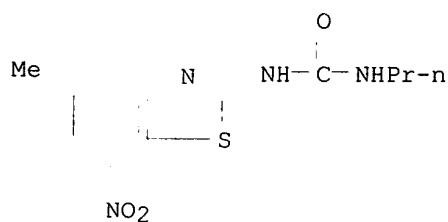
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	US 3725428	A	19730403	US 1969-868589	19691022
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	FR 2022369	A5	19700731	FR 1969-37369	19691030
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	RO 61385	P	19761215	RO 1969-61433	19691031
	US 3810988	A	19740514	US 1973-331721	19730212
PRAI	CH 1968-16333		19681101		
	US 1969-868589		19691022		

GI For diagram(s), see printed CA Issue.

AB The microbicidal title compds. (I) were prepd. in 91-7% yield from the corresponding 2-amino compds. either with MeNCO, or dialkylcarbonyl chlorides, or chloroformates. Among .apprx.50 compds. prepd. were the following I (R, R1, R2, R3, and R4 given): NHMe, H, H, OEt, H; NMe2, H, H, OEt, H; NHPr, H, H, H, H; NHPr, Cl, H, H, H; NHMe, Cl, H, H, H; NHPr, H, H, CO2Et, H; NHPr, H, H, OMe, H; NHPr, Cl, H, H, H; NMe2, H, H, OMe, H; OEt, H, H, H; OPr-iso, H, H, H, H; OMe, H, H, H, H. I were microbicidal against Erysiphe cichoracearum, Uromyces phaseoli, and Botrytis cinerea. Compositions contg. I were reported.

IT 28956-42-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of)  
 IT 28956-42-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 28956-42-5 HCAPLUS  
 CN Urea, 1-(5-methyl-7-nitro-2-benzothiazolyl)-3-propyl- (8CI) (CA INDEX NAME)

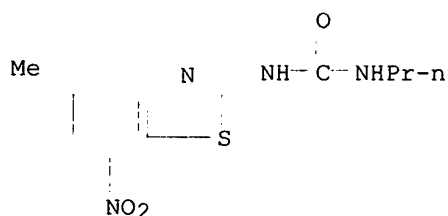


L26 ANSWER 15 OF 16 USPATFULL  
 AN 74:23986 USPATFULL  
 TI CONTROL OF PHYTOPATHOGENIC FUNGI WITH N-BENZOTHIAZAE-2-YL N-' PROPYLURE  
 IN Janiak, Stefan, Basel, Switzerland  
 PA Ciba-Geigy AG, Basel, Switzerland (non-U.S. corporation)  
 PI US 3810988 19740514  
 AI US 1973-331721 19730212 (5)  
 RLI Division of Ser. No. US 1969-868589, filed on 22 Oct 1969, now patented,  
 Pat. No. US 3725428  
 PRAI CH 1968-16333 19681101  
 DT Utility  
 FS Granted  
 EXNAM Primary Examiner: Meyers, Albert T.; Assistant Examiner: Robinson, Allen J.  
 LREP Rabin, Frederick H.  
 CLMN Number of Claims: 4  
 DRWN No Drawings  
 LN.CNT 292  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB Phytopathogenic fungi are controlled by the use of compounds of the formula ##SPC1##

In which R.sub.9 is C.sub.3 alkyl.

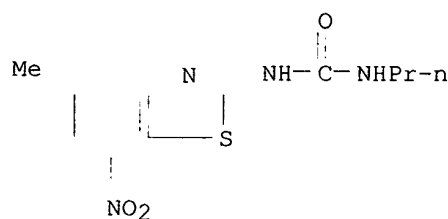
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 28956-42-5P  
 (prepn. of)  
 IT 28956-42-5P  
 (prepn. of)  
 RN 28956-42-5 USPATFULL  
 CN Urea, 1-(5-methyl-7-nitro-2-benzothiazolyl)-3-propyl- (8CI) (CA INDEX NAME)



L26 ANSWER 16 OF 16 USPATFULL  
 AN 73:14147 USPATFULL  
 TI N-BENZOTHAZOL-2-YL-N'-PROPYLUREAS  
 IN Janiak, Stefan, Basel, Switzerland  
 PA Ciba-Geigy AG, Basel, Switzerland (non-U.S. corporation)  
 PI US 3725428 19730403  
 AI US 1969-868589 19691022 (4)  
 PRAI CH 1968-16333 19681101  
 DT Utility  
 FS Granted  
 EXNAM Primary Examiner: Mazel, Alex; Assistant Examiner: Gallagher, R. J.  
 LREP Goldsmith; Harry, Kolodny; Joseph G., Monaco; Mario A.  
 CLMN Number of Claims: 3  
 DRWN No Drawings  
 LN.CNT 291  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB The invention comprises compounds of the general formula ##SPC1##  
  
 In which Y.sub.1, Y.sub.2, Y.sub.3, Y.sub.4, Y.sub.5, R.sub.1 and R.sub.2 have the meanings given below, their process of manufacture, their use as active ingredients in microbiocidal agents and their methods of use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 IT 28956-42-5P  
 (prepn. of)  
 IT 28956-42-5P  
 (prepn. of)  
 RN 28956-42-5 USPATFULL  
 CN Urea, 1-(5-methyl-7-nitro-2-benzothiazolyl)-3-propyl- (8CI) (CA INDEX NAME)



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STRUCTURE FILE UPDATES: 6 OCT 2002 HIGHEST RN 459408-49-2  
 DICTIONARY FILE UPDATES: 6 OCT 2002 HIGHEST RN 459408-49-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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L23 ANSWER 1 OF 196 REGISTRY COPYRIGHT 2002 ACS

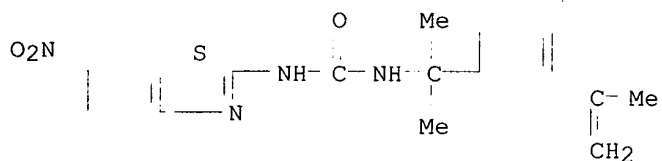
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CN Urea, N-[1-methyl-1-[3-(1-methylethenyl)phenyl]ethyl]-N'-(6-nitro-2-benzothiazolyl)- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C20 H20 N4 O3 S

SR Chemical Library



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L23 ANSWER 4 OF 196 REGISTRY COPYRIGHT 2002 ACS

RN 444932-33-6 REGISTRY

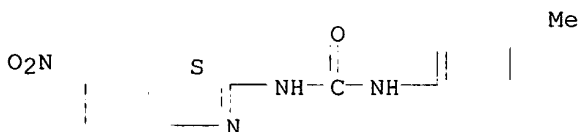
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FS 3D CONCORD

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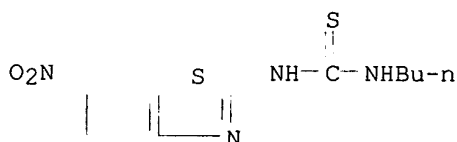
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LC STN Files: CHEMCATS



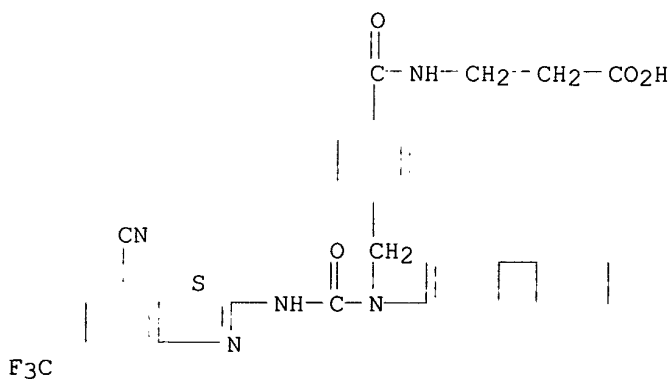
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L23 ANSWER 5 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 438479-57-3 REGISTRY  
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 FS 3D CONCORD  
 MF C12 H14 N4 O2 S2  
 SR Chemical Library  
 LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L23 ANSWER 6 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 428815-47-8 REGISTRY  
 CN .beta.-Alanine, N-[4-[[[7-cyano-5-(trifluoromethyl)-2-benzothiazolyl]amino]carbonyl](4-cyclohexylphenyl)amino]methyl]benzoyl]- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C33 H30 F3 N5 O4 S  
 SR CA  
 LC STN Files: CA, CAPLUS



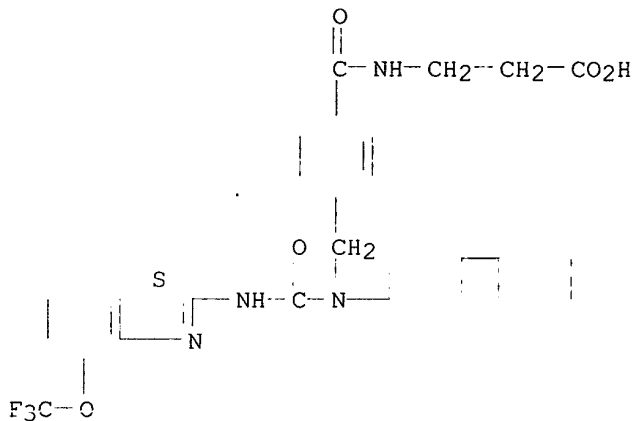
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:401541

L23 ANSWER 12 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 428815-16-1 REGISTRY  
 CN .beta.-Alanine, N-[4-[[[4-(1-cyclohexen-1-yl)phenyl] [[4-(trifluoromethoxy)-2-benzothiazolyl]amino]carbonyl]amino]methyl]benzoyl]- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C32 H29 F3 N4 O5 S

SR CA  
LC STN Files: CA, CAPLUS

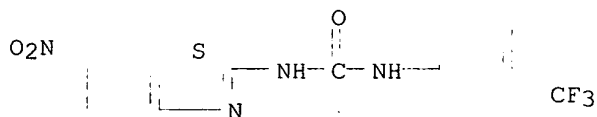


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

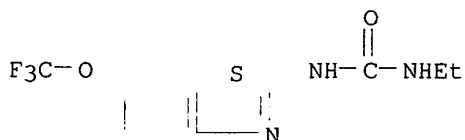
REFERENCE 1: 136:401541

L23 ANSWER 18 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 379702-12-2 REGISTRY  
CN Urea, N-(6-nitro-2-benzothiazolyl)-N'-[3-(trifluoromethyl)phenyl]- (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H9 F3 N4 O3 S  
SR Chemical Library  
LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L23 ANSWER 19 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 352529-50-1 REGISTRY  
CN Urea, N-ethyl-N'-[6-(trifluoromethoxy)-2-benzothiazolyl]- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C11 H10 F3 N3 O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

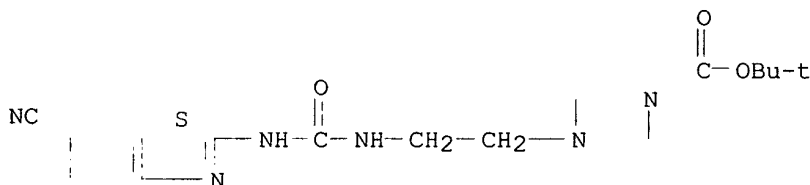


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 135:152801

L23 ANSWER 25 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 352529-31-8 REGISTRY  
CN 1-Piperazinecarboxylic acid, 4-[2-[[[(6-cyano-2-benzothiazolyl)amino]carbonyl]amino]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C20 H26 N6 O3 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

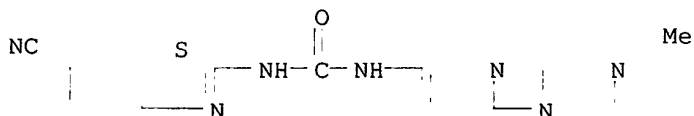


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 135:152801

L23 ANSWER 30 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 352529-26-1 REGISTRY  
CN Urea, N-(6-cyano-2-benzothiazolyl)-N'-[6-(4-methyl-1-piperazinyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C19 H19 N7 O S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

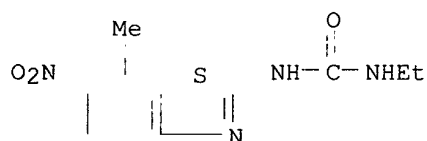


## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 135:152801

L23 ANSWER 34 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 352527-74-3 REGISTRY  
CN Urea, N-ethyl-N'-(7-methyl-6-nitro-2-benzothiazolyl)- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C11 H12 N4 O3 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

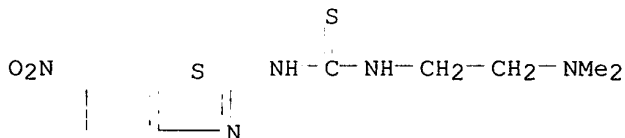


## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 135:152801

L23 ANSWER 50 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 352527-22-1 REGISTRY  
CN Thiourea, N-[2-(dimethylamino)ethyl]-N'-(6-nitro-2-benzothiazolyl)- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C12 H15 N5 O2 S2  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER



## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

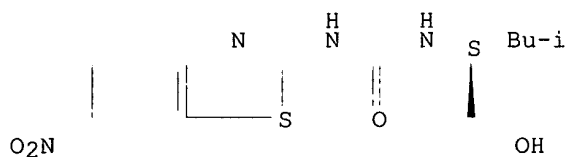
1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 135:152801

L23 ANSWER 75 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 352526-92-2 REGISTRY  
CN Urea, N-[(1S)-1-(hydroxymethyl)-3-methylbutyl]-N'-(6-nitro-2-

benzothiazolyl)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C14 H18 N4 O4 S  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

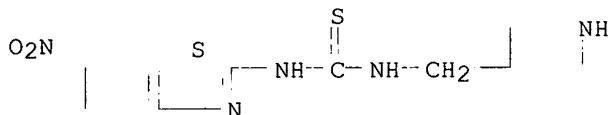


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 135:152801

L23 ANSWER 100 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 352526-66-0 REGISTRY  
 CN Thiourea, N-(6-nitro-2-benzothiazolyl)-N'-(4-piperidinylmethyl)- (9CI)  
 (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C14 H17 N5 O2 S2  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

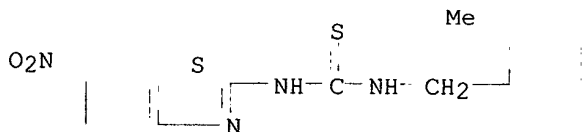


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 135:152801

L23 ANSWER 125 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 352526-35-3 REGISTRY  
 CN Thiourea, N-[(2-methylphenyl)methyl]-N'-(6-nitro-2-benzothiazolyl)- (9CI)  
 (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C16 H14 N4 O2 S2  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 135:152801

L23 ANSWER 151 OF 196 REGISTRY COPYRIGHT 2002 ACS

RN 337532-73-7 REGISTRY

CN Benzenesulfonamide, N-(6-nitro-2-benzothiazolyl)-N-[[ (3-nitrophenyl) (phenylsulfonyl) amino]thioxomethyl]- (9CI) (CA INDEX NAME)

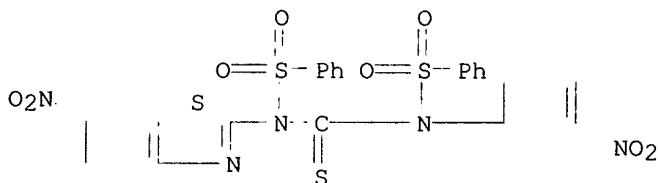
OTHER NAMES:

CN N-[[ (6-Nitro-1,3-benzothiazol-2-yl) (phenylsulfonyl) amino]carbothioyl]-N-(3-nitrophenyl)benzenesulfonamide

MF C26 H17 N5 O8 S4

SR CA

LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 134:340357

L23 ANSWER 155 OF 196 REGISTRY COPYRIGHT 2002 ACS

RN 337532-60-2 REGISTRY

CN Benzenesulfonamide, N-(4-fluorophenyl)-4-nitro-N-[[ (6-nitro-2-benzothiazolyl) [(4-nitrophenyl) sulfonyl] amino]thioxomethyl]- (9CI) (CA INDEX NAME)

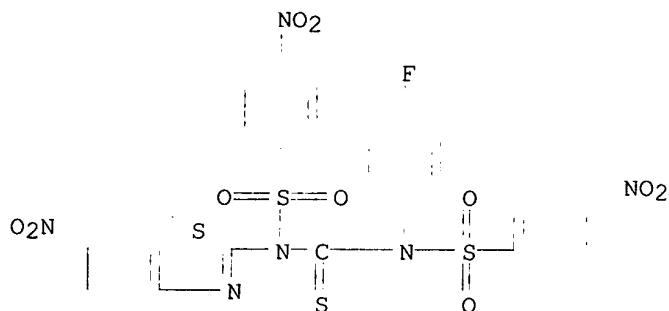
OTHER NAMES:

CN N-(4-Fluorophenyl)-4-nitro-N-[[ (6-nitro-1,3-benzothiazol-2-yl) [(4-nitrophenyl) sulfonyl] amino]carbothioyl]benzenesulfonamide

MF C26 H15 F N6 O10 S4

SR CA

LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 134:340357

L23 ANSWER 160 OF 196 REGISTRY COPYRIGHT 2002 ACS

RN 337532-49-7 REGISTRY

CN Thiourea, N,N'-bis(6-chloropyrazinyl)-N-(6-nitro-2-benzothiazolyl)-N'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

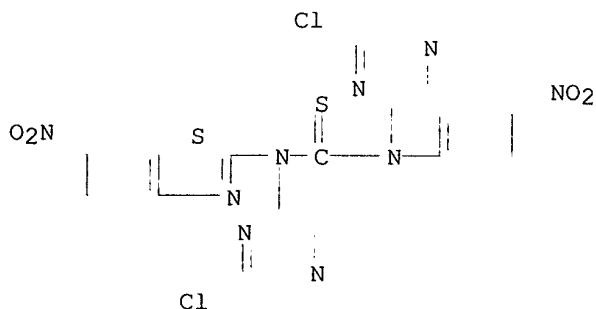
CN N,N'-Bis(6-chloro-2-pyrazinyl)-N-(6-nitro-1,3-benzothiazol-2-yl)-N'-(4-nitrophenyl)thiourea

FS 3D CONCORD

MF C22 H11 Cl2 N9 O4 S2

SR CA

LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 134:340357

L23 ANSWER 165 OF 196 REGISTRY COPYRIGHT 2002 ACS

RN 321690-01-1 REGISTRY

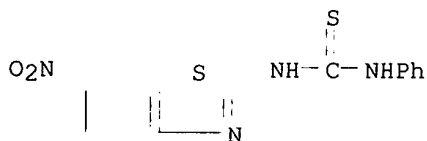
CN Thiourea, N-(6-nitro-2-benzothiazolyl)-N'-phenyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN N-(6-Nitro-1,3-benzothiazol-2-yl)-N'-phenylthiourea



FS 3D CONCORD  
 MF C14 H10 N4 O2 S2  
 SR Chemical Library  
 LC STN Files: CA, CAPLUS, CHEMCATS

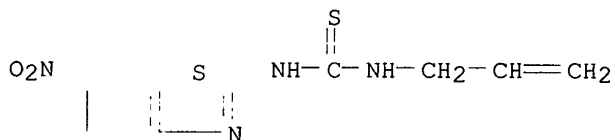


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

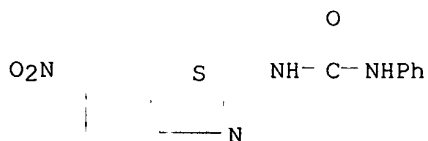
REFERENCE 1: 134:340357

L23 ANSWER 166 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 321689-98-9 REGISTRY  
 CN Thiourea, N-(6-nitro-2-benzothiazolyl)-N'-2-propenyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C11 H10 N4 O2 S2  
 SR Chemical Library  
 LC STN Files: CHEMCATS



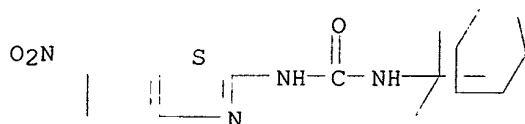
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L23 ANSWER 167 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 313403-17-7 REGISTRY  
 CN Urea, N-(6-nitro-2-benzothiazolyl)-N'-phenyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C14 H10 N4 O3 S  
 SR Chemical Library  
 LC STN Files: CHEMCATS



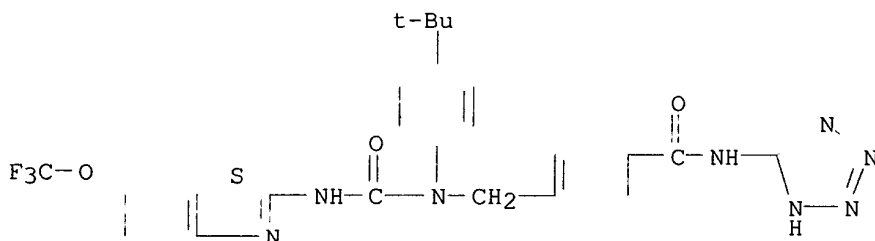
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L23 ANSWER 168 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 312525-44-3 REGISTRY  
 CN Urea, N-(6-nitro-2-benzothiazolyl)-N'-tricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl- (9CI)  
 (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C18 H20 N4 O3 S  
 SR Chemical Library  
 LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L23 ANSWER 169 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 307988-66-5 REGISTRY  
 CN Benzamide, 4-[[[4-(1,1-dimethylethyl)phenyl][[6-(trifluoromethoxy)-2-benzothiazolyl]amino]carbonyl]amino]methyl]-N-1H-tetrazol-5-yl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C28 H25 F3 N8 O3 S  
 SR CA  
 LC STN Files: CA, CAPLUS

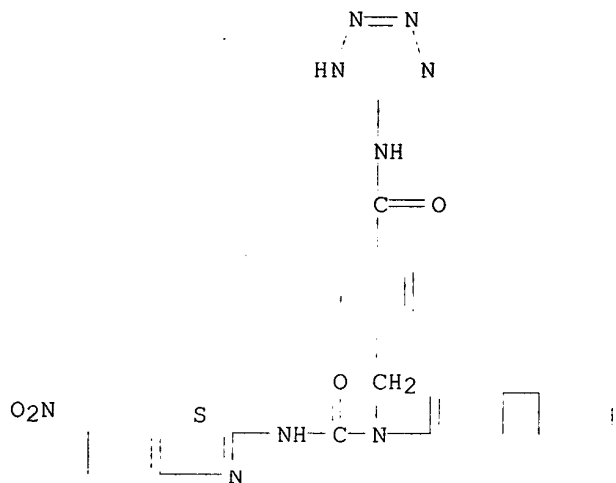


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 134:4764

L23 ANSWER 170 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 307985-94-0 REGISTRY  
 CN Benzamide, 4-[[[4-(cyclohexylphenyl)[[6-nitro-2-benzothiazolyl]amino]carbonyl]amino]methyl]-N-1H-tetrazol-5-yl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C29 H27 N9 O4 S  
 SR CA  
 LC STN Files: CA, CAPLUS

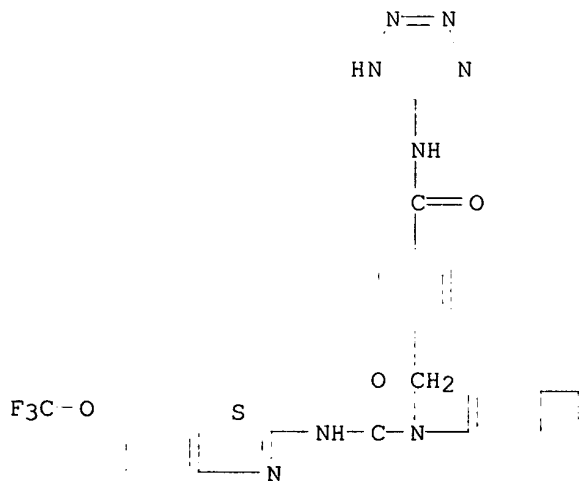


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 134:4764

L23 ANSWER 171 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 307985-93-9 REGISTRY  
CN Benzamide, 4-[[[4-cyclohexylphenyl][[6-(trifluoromethoxy)-2-benzothiazolyl]amino]carbonyl]amino]methyl]-N-1H-tetrazol-5-yl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C30 H27 F3 N8 O3 S  
SR CA  
LC STN Files: CA, CAPLUS

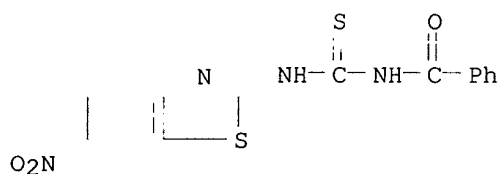


## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 134:4764

L23 ANSWER 172 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 132629-14-2 REGISTRY  
CN Benzamide, N-[[[(6-nitro-2-benzothiazolyl)amino]thioxomethyl]- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H10 N4 O3 S2  
SR CA  
LC STN Files: CA, CAPLUS

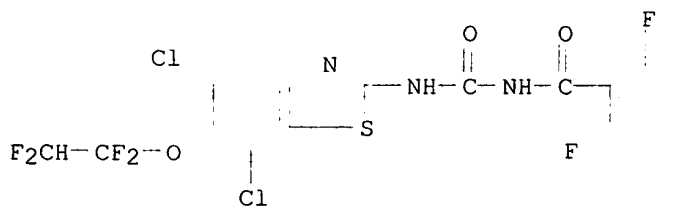


## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 114:134832

L23 ANSWER 173 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 115737-65-0 REGISTRY  
CN Benzamide, N-[[[5,7-dichloro-6-(1,1,2,2-tetrafluoroethoxy)-2-benzothiazolyl]amino]carbonyl]-2,6-difluoro- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C17 H7 Cl2 F6 N3 O3 S  
SR CA  
LC STN Files: CA, CAPLUS

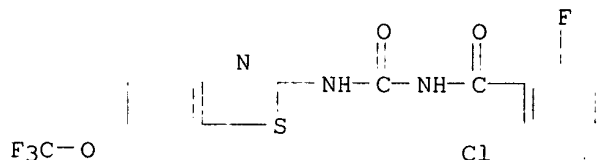


## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 109:92995

L23 ANSWER 174 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 106580-18-1 REGISTRY  
 CN Benzamide, 2-chloro-6-fluoro-N-[[[6-(trifluoromethoxy)-2-benzothiazolyl]amino]carbonyl]- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C16 H8 Cl F4 N3 O3 S  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

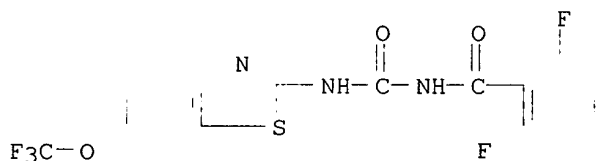


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 106:67297

L23 ANSWER 175 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 106580-17-0 REGISTRY  
 CN Benzamide, 2,6-difluoro-N-[[[6-(trifluoromethoxy)-2-benzothiazolyl]amino]carbonyl]- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C16 H8 F5 N3 O3 S  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

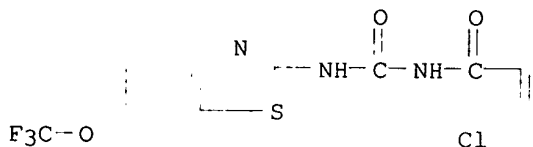


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 106:67297

L23 ANSWER 176 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 106580-16-9 REGISTRY  
 CN Benzamide, 2-chloro-N-[[[6-(trifluoromethoxy)-2-benzothiazolyl]amino]carbonyl]- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C16 H9 Cl F3 N3 O3 S  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

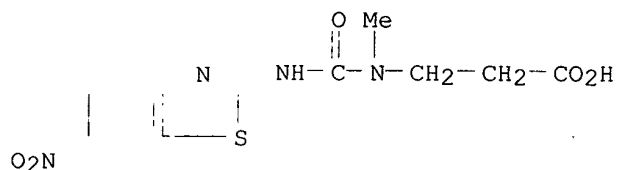


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 106:67297

L23 ANSWER 177 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 84427-15-6 REGISTRY  
CN .beta.-Alanine, N-methyl-N-[[ (6-nitro-2-benzothiazolyl)amino]carbonyl]-  
(9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C12 H12 N4 O5 S  
LC STN Files: CA, CAPLUS, TOXCENTER



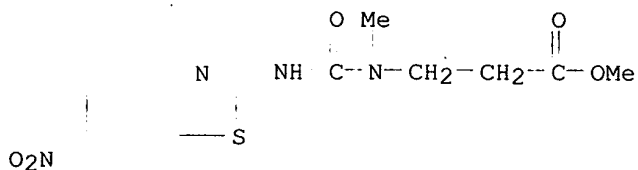
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 98:198237

REFERENCE 2: 98:72084

L23 ANSWER 178 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 84427-14-5 REGISTRY  
CN .beta.-Alanine, N-methyl-N-[[ (6-nitro-2-benzothiazolyl)amino]carbonyl]-,  
methyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C13 H14 N4 O5 S  
LC STN Files: CA, CAPLUS, TOXCENTER



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

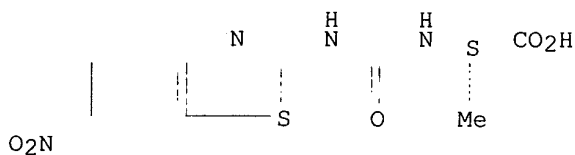
2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 98:198237

REFERENCE 2: 98:72084

L23 ANSWER 179 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 84426-99-3 REGISTRY  
CN L-Alanine, N-[[ (6-nitro-2-benzothiazolyl)amino]carbonyl]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C11 H10 N4 O5 S  
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



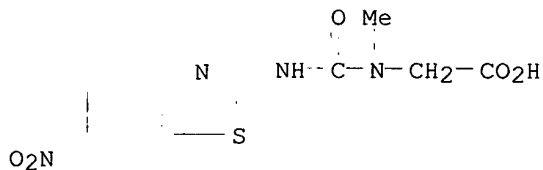
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 98:198237

REFERENCE 2: 98:72084

L23 ANSWER 180 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 84426-92-6 REGISTRY  
CN Glycine, N-methyl-N-[[ (6-nitro-2-benzothiazolyl)amino]carbonyl]- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C11 H10 N4 O5 S  
LC STN Files: CA, CAPLUS, TOXCENTER



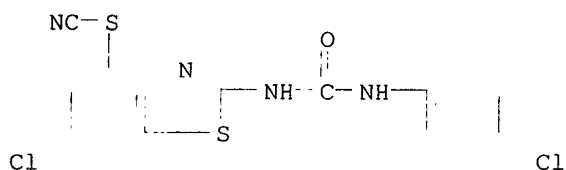
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 98:198237

REFERENCE 2: 98:72084

L23 ANSWER 181 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 66134-65-4 REGISTRY  
CN Thiocyanic acid, 6-chloro-2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-benzothiazolyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H8 Cl2 N4 O S2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, TOXCENTER  
(\*File contains numerically searchable property data)

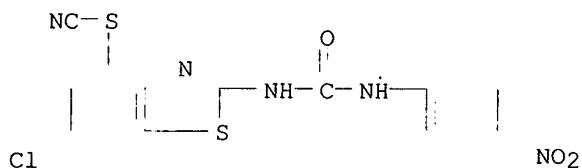


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 88:152479

L23 ANSWER 182 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 64117-35-7 REGISTRY  
CN Thiocyanic acid, 6-chloro-2-[[[(4-nitrophenyl)amino]carbonyl]amino]-4-benzothiazolyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H8 Cl N5 O3 S2  
LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL



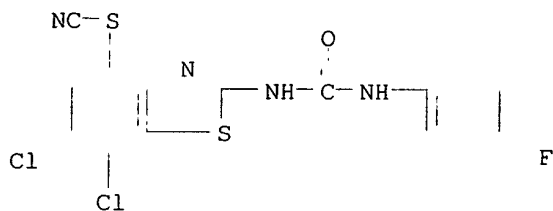
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 87:117846

L23 ANSWER 183 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 64002-20-6 REGISTRY  
CN Thiocyanic acid, 6,7-dichloro-2-[[[(4-fluorophenyl)amino]carbonyl]amino]-4-benzothiazolyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H7 Cl2 F N4 O S2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)





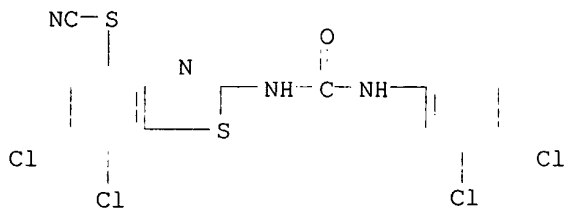
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 88:152479

REFERENCE 2: 87:117846

L23 ANSWER 184 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 64002-19-3 REGISTRY  
CN Thiocyanic acid, 6,7-dichloro-2-[[[(3,4-dichlorophenyl)amino]carbonyl]amino]-4-benzothiazolyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H6 Cl4 N4 O S2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)



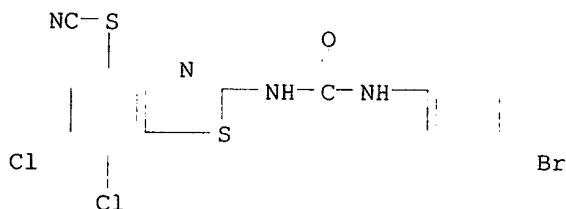
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 88:152479

REFERENCE 2: 87:117846

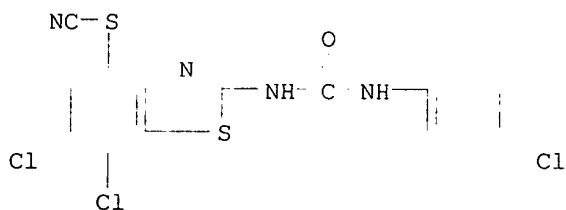
L23 ANSWER 185 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 64002-18-2 REGISTRY  
CN Thiocyanic acid, 2-[[[(4-bromophenyl)amino]carbonyl]amino]-6,7-dichloro-4-benzothiazolyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H7 Br Cl2 N4 O S2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)



2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 2: 87:117846

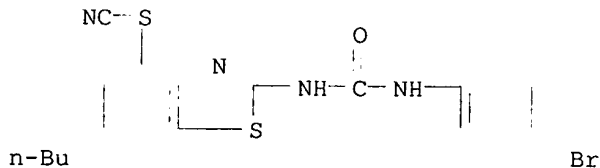
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L23 ANSWER 186 OF 196  REGISTRY  COPYRIGHT 2002 ACS
RN 64002-17-1  REGISTRY
CN Thiocyanic acid, 6,7-dichloro-2-[[[(4-chlorophenyl)amino]carbonyl]amino]-4-
benzothiazolyl ester (9CI)  (CA INDEX NAME)
FS 3D CONCORD
MF C15 H7 Cl3 N4 O S2
LC STN Files:  BEILSTEIN*, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB,
TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
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2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 2: 87:117846

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L23 ANSWER 187 OF 196  REGISTRY  COPYRIGHT 2002 ACS
RN 64002-16-0  REGISTRY
CN Thiocyanic acid, 2-[[[(4-bromophenyl)amino]carbonyl]amino]-6-butyl-4-
benzothiazolyl ester (9CI)  (CA INDEX NAME)
FS 3D CONCORD
MF C19 H17 Br N4 O S2
LC STN Files:  BEILSTEIN*, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB,
TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
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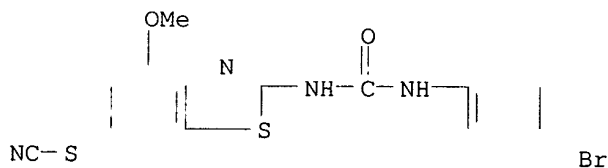
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 88:152479

REFERENCE 2: 87:117846

L23 ANSWER 188 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 64002-14-8 REGISTRY  
CN Thiocyanic acid, 2-[[[(4-bromophenyl)amino]carbonyl]amino]-4-methoxy-6-benzothiazolyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H11 Br N4 O2 S2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)

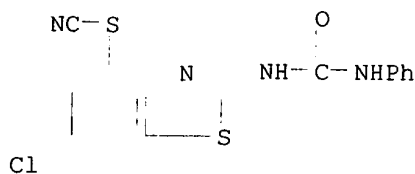


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 87:117846

L23 ANSWER 189 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 64002-13-7 REGISTRY  
CN Thiocyanic acid, 6-chloro-2-[[[(phenylamino)carbonyl]amino]-4-benzothiazolyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H9 Cl N4 O S2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)



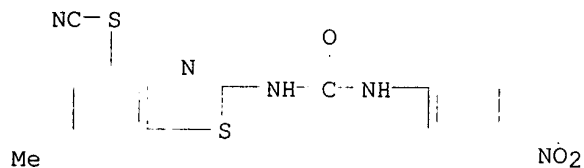
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 88:152479

REFERENCE 2: 87:117846

L23 ANSWER 190 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 64002-12-6 REGISTRY  
CN Thiocyanic acid, 6-methyl-2-[[[(4-nitrophenyl)amino]carbonyl]amino]-4-benzothiazolyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H11 N5 O3 S2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)



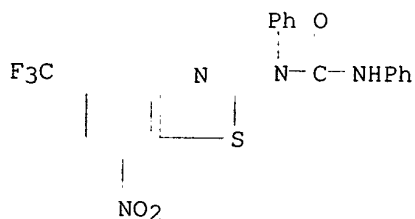
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 88:152479

REFERENCE 2: 87:117846

L23 ANSWER 191 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 51658-71-0 REGISTRY  
CN Urea, N-[7-nitro-5-(trifluoromethyl)-2-benzothiazolyl]-N,N'-diphenyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C21 H13 F3 N4 O3 S  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

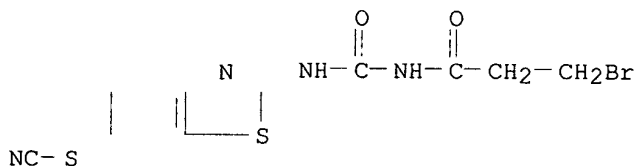


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 80:108420

L23 ANSWER 192 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 51335-53-6 REGISTRY  
CN Thiocyanic acid, 2-[[[(3-bromo-1-oxopropyl)amino]carbonyl]amino]-6-benzothiazolyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C12 H9 Br N4 O2 S2  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

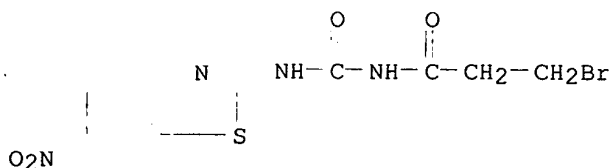


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 80:82772

L23 ANSWER 193 OF 196 REGISTRY COPYRIGHT 2002 ACS  
RN 51335-52-5 REGISTRY  
CN Propanamide, 3-bromo-N-[[[(6-nitro-2-benzothiazolyl)amino]carbonyl]- (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C11 H9 Br N4 O4 S  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

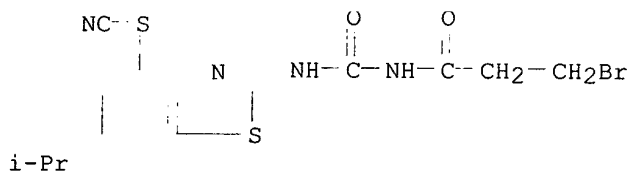


## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 80:82772

L23 ANSWER 194 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 51335-49-0 REGISTRY  
 CN Thiocyanic acid, 2-[[[(3-bromo-1-oxopropyl)amino]carbonyl]amino]-6-(1-methylethyl)-4-benzothiazolyl ester (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C15 H15 Br N4 O2 S2  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS  
 (\*File contains numerically searchable property data)

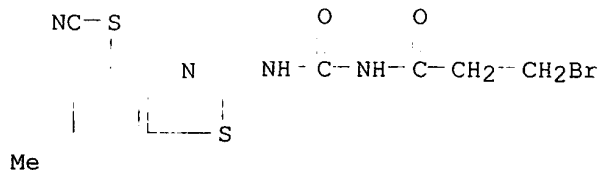


## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 80:82772

L23 ANSWER 195 OF 196 REGISTRY COPYRIGHT 2002 ACS  
 RN 51335-48-9 REGISTRY  
 CN Thiocyanic acid, 2-[[[(3-bromo-1-oxopropyl)amino]carbonyl]amino]-6-methyl-4-benzothiazolyl ester (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C13 H11 Br N4 O2 S2  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS  
 (\*File contains numerically searchable property data)



## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 80:82772



L16 1270 S E3,E4  
L17 1 S L10 AND L11-L16  
L18 18 S L10 AND (PD<=20000207 OR PRD<=20000207 OR AD<=20000207)  
L19 19 S L10,L17,L18

L20 FILE 'USPATFULL, USPAT2' ENTERED AT 07:44:35 ON 07 OCT 2002  
5 S L8

L21 FILE 'HCAPLUS, USPATFULL' ENTERED AT 07:44:44 ON 07 OCT 2002  
22 DUP REM L19 L20 (2 DUPLICATES REMOVED)

FILE 'REGISTRY' ENTERED AT 07:44:58 ON 07 OCT 2002

FILE 'HCAPLUS, USPATFULL' ENTERED AT 07:45:16 ON 07 OCT 2002

L22 FILE 'REGISTRY' ENTERED AT 07:46:03 ON 07 OCT 2002  
STR L1  
L23 196 S L22 FUL SUB=L8  
SAV L23 BOB777B/A

L24 FILE 'HCAPLUS' ENTERED AT 07:47:46 ON 07 OCT 2002  
14 S L23

L25 FILE 'USPATFULL, USPAT2' ENTERED AT 07:47:47 ON 07 OCT 2002  
3 S L23

L26 FILE 'HCAPLUS, USPATFULL' ENTERED AT 07:47:52 ON 07 OCT 2002  
16 DUP REM L24 L25 (1 DUPLICATE REMOVED)

FILE 'REGISTRY' ENTERED AT 07:48:00 ON 07 OCT 2002

FILE 'HCAPLUS, USPATFULL' ENTERED AT 07:48:20 ON 07 OCT 2002

FILE 'REGISTRY' ENTERED AT 07:48:39 ON 07 OCT 2002